

Peak District National Park

Forecast valid from 00:00 on Tuesday 01 Sep 2020 until 23:59 on Wednesday 02 Sep 2020

Forecast Issued on Monday 31 Aug 2020 at 13:43

Confidence: High for a spell of settled weather, lower for the timing and details of the breakdown during Wednesday.

Headline for Tuesday 01 Sep 2020: Another fine day with periods of sunshine.

Mountain weather hazards on Tuesday 01 Sep 2020

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

No Likelihood

Strong sunlight

Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Partly cloudy (night)	Partly cloudy (night)	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Clear night
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	<05%	00%

Forecast for Tuesday 01 Sep 2020

Weather: Clear spells and light winds overnight may allow the odd valley mist patch to form. These will clear quickly during the morning as the cloud base lifts and breaks allowing long bright or sunny spells. Feeling a little chilly where cloud persists but pleasant in the sunshine.

Chance of cloud free mountain/hill tops above 600m: 80% at first but quickly becoming 100%

Visibility: Poor in any valley mist patches around dawn but generally good becoming very good with distant hills clearly visible.

Forecast for Tuesday 01 Sep 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/10 S	8/11 S	7/10 S	7/10 SW	7/11 SW	7/11 SW	6/10 S	9/14 S	11/16 S
300	5/10 SE	5/9 SE	5/9 SE	6/9 S	7/11 S	5/8 SW	6/11 S	7/14 S	8/15 S
Valley	5/8 E	4/8 SE	4/8 SE	4/8 S	4/9 SW	4/8 S	4/10 S	6/11 SE	6/13 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	10/8	10/8	11/10	12/10	13/11	12/11	11/9	11/8
300	12/11	12/11	12/11	13/12	14/13	15/14	15/14	13/12	13/11
Valley	12/11	11/11	11/11	14/14	16/15	16/16	15/15	13/12	12/12
Freezing Level*	1800m	1800m	1800m	1800m	1900m	2000m	2100m	2200m	2200m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

After a chilly start, the sunshine will be strong during the afternoon, therefore suitable precautions are advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 30 Aug 2020	0.6mm	3.8mm	20.6mm

Forecast for Wednesday 02 Sep 2020

Weather: Variable amounts of cloud overnight but also some clear spells. During daylight hours it will be fine and dry, with bright or sunny spells during the morning. Clouding over from the west, with outbreaks of rain arriving during the afternoon, with freshening winds. Wet and windy through the evening and overnight Wednesday into Thursday with gales possible over summits.

Maximum wind: South-westerly 35 gust 45 MPH over summits later in the day.

Chance of cloud free mountain/hill tops above 600m: 100 % until mid-afternoon when the cloud base will lower in rain. Reducing the chance of cloud free hill tops to 0% before 6.00pm.

Visibility: Excellent becoming moderate or poor in rain.

Temperature: **Valleys:** Plus 4 BECMG 15 Celsius
At 600m: Plus 9 BECMG 13 CELSIUS
Freezing level: Well above summits.